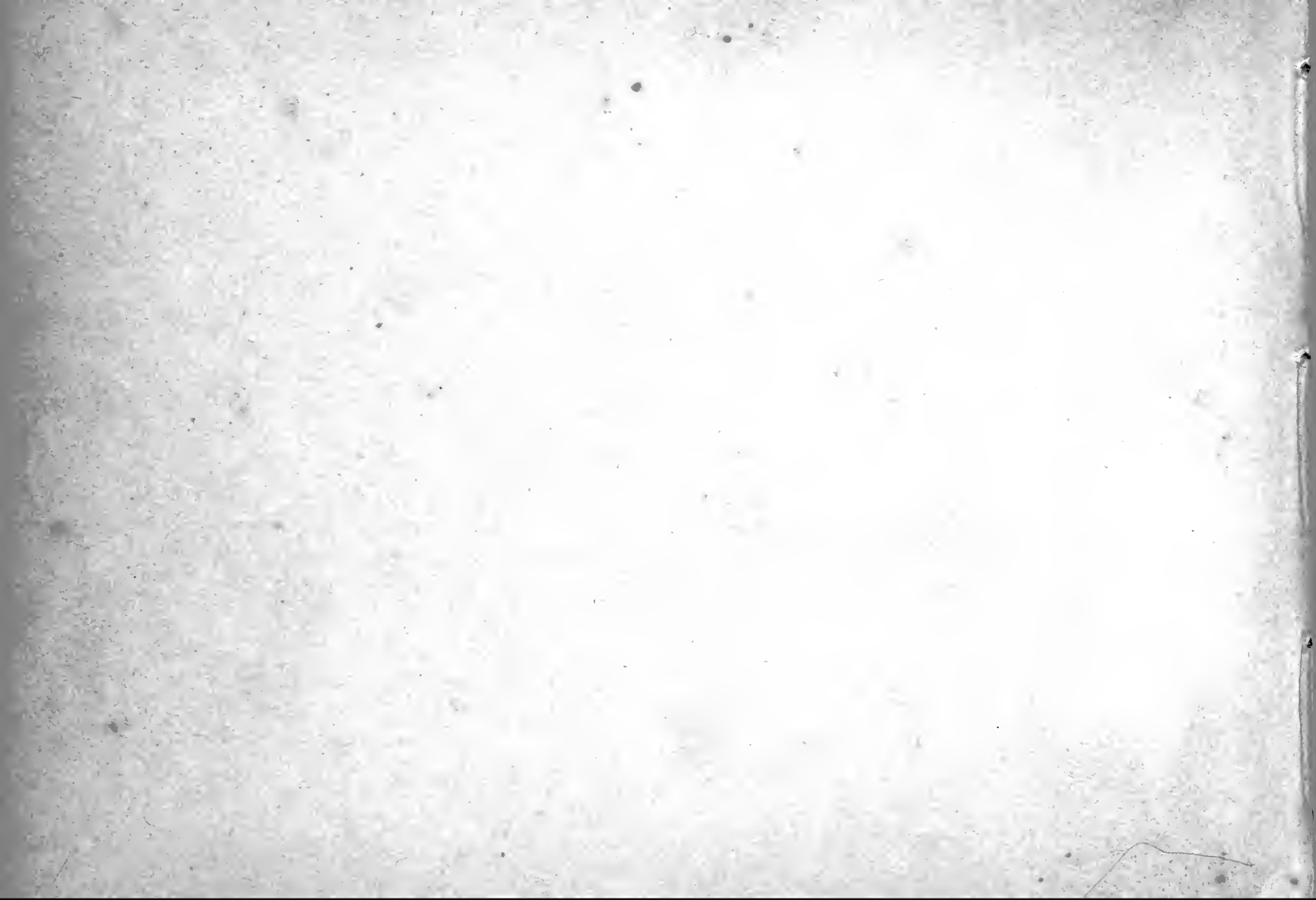


Sketches

~~m~~
H





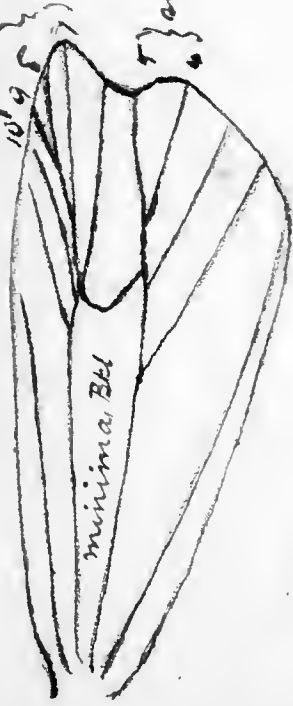




Pyralididae. Yucca

Diploperistis. [✓] *h/w* 8 *mass.* strongly with 7. _{set}

refly with 7.
free
1095 from same stock



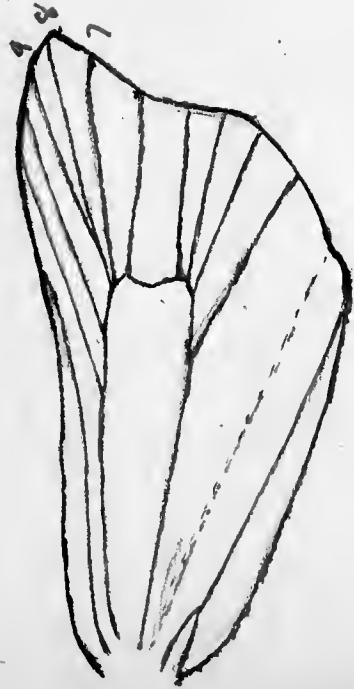
stillness



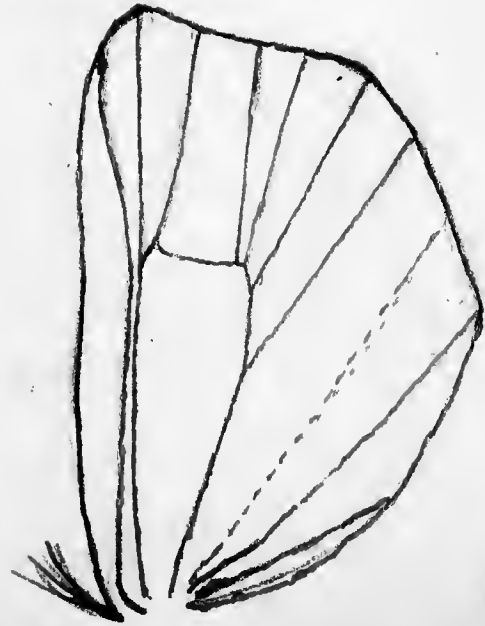
14 Grades

Sheet attached but none with.

Siculodes ♀



• Tongue developed



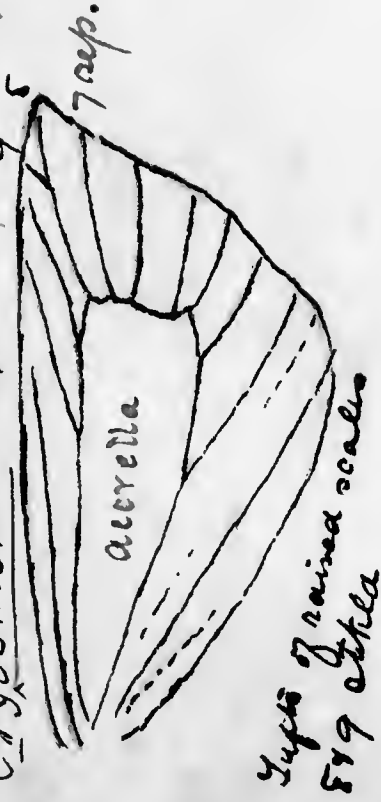
dentate

• ciliations $\frac{1}{2}$
• 2 ph sealed on both

• short.
rough scaled

CRABIDA: Few with pecten of hairs on lower margin of cell.

Crycomima. Mayr. 11 sep. raised tufts of scales.

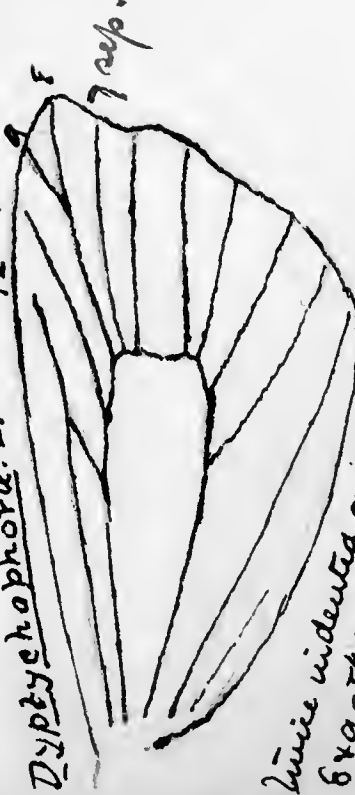


Tufts of raised scales
8 & 9 atkld



4 & 5 & 7 & 8 atkld
6 remote from 7 at origin

Dypychophora. Z. 11 coalescing, wtd 12.



Lines indented on upper 1/2
8 & 9 atkld. 11 coalescing wtd 12.



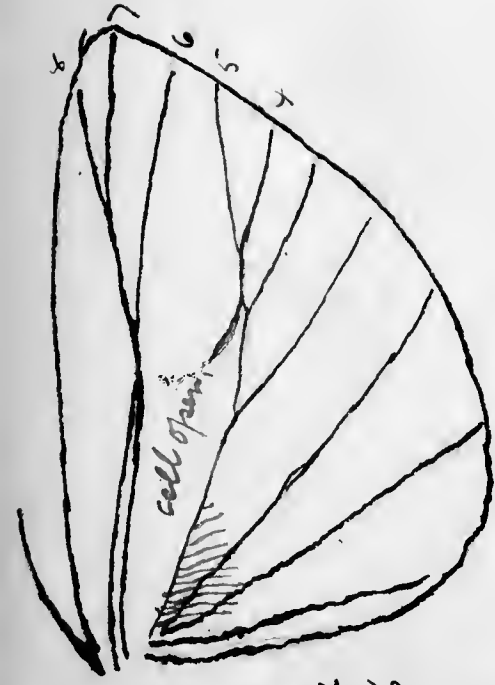
b. mod. approx to 7. 7 & 8 atkld

7 & 9 pectenophanes, in most other sp. 8 & 9 are from a pecten

Crambus F. 7 out of 8 & 9, 10 & sometimes 11. (rarely)



7 out of 8 & 9 sometimes coincident

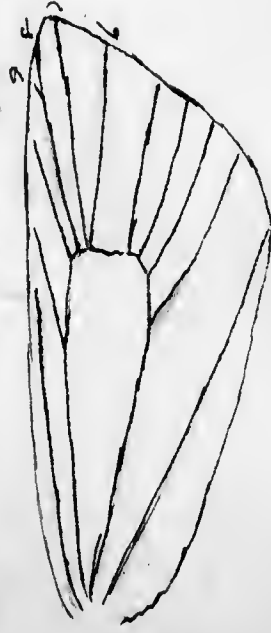


4 x 5 cm.
orakla

7 out of 6

Orocrambus meyeri. venation as Crambus, but underside of
thorax & corae with long fine hairs

Heliothela (Australia)

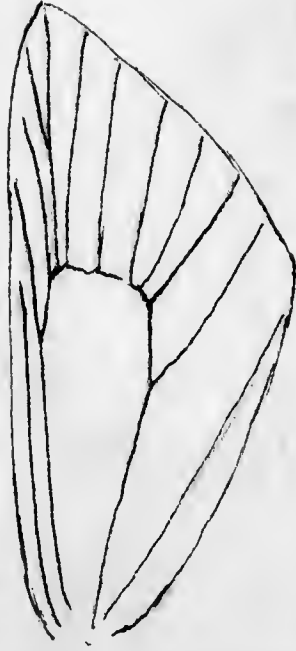


thin stout, short
dense
to strongly oblique pubescence

Tongue w/ developed
post. l. l. under spurs $\frac{1}{2}$ inner



Nebrisia (Protodreca)



Tongue w/ dev.

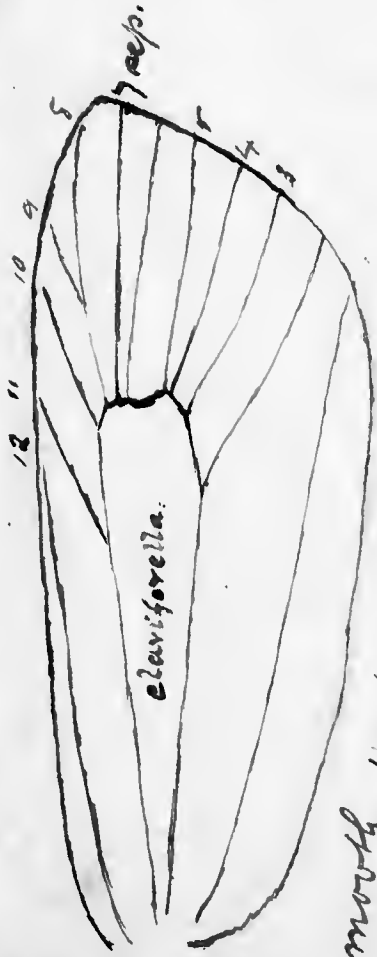
obsolete (Meyrin error)?

~~Heliothela~~ long.



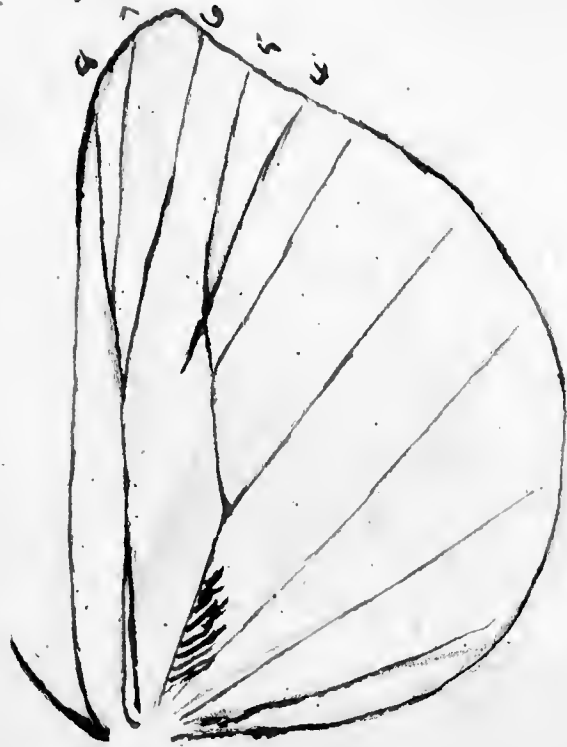
long hairs beneath
(too hairy above)

Thinasotia, Hb. 11 free, smooth, & with normal wings.



smooth. 11 sep.

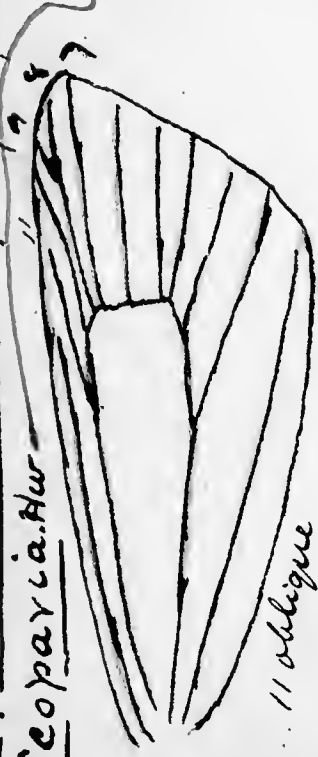
photostilated



cell closed (Myr.)

attenuate

PYRAUSTIDAE 7 sep. pectination of lower med. about generally
Scoparia Hw



11 oblique

max. palp. long
14w. 3 remote from 4
4 & 5 connate or stalked

alt. $\frac{1}{2}$ (2.85 1 $\frac{1}{2}$ 9m.)



hairs absent

8 anas. short 7
7 out of 6 near origin
5 } connate or stalked
4 }
3 remote from 4.

post. tib. outer spurs $\frac{1}{2}$ inner
tongue developed



long

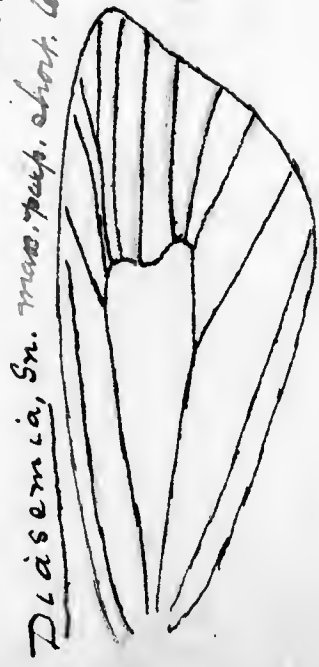


long dense scales, terminally exposed

4 & 5 con. or stalked

Xeroscopa Meyr. as Scoparia Hw. but discal area wh long

hairs

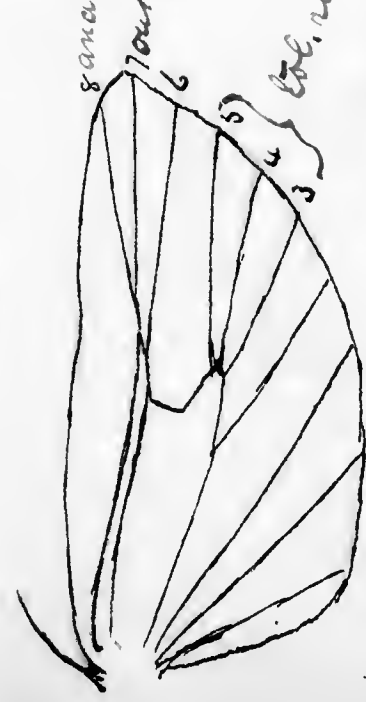


Disemia, Sn. max. palp. short. term. lab. palps. exposed. 14w 3.4.5. 7.8. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.



long

tongue w/d



7 out of 6 near origin, anas. wh
8 short

alt. $\frac{2}{3}$ (4.7-5.9m.)
wh. outer
wh. outer
wh. outer

8 anas. wh 7 out of 6 near origin
6 }
5 }
4 }
3 }
2 }
1 }
tot. remote

mod. loosely dilated at apex



terminal exposed
densely scaled beneath



Paraponyx 10 out of 8/9

pubescent-ciliate



approx.

tongue mod.

4 & 5 approx. 10 from stalk of 8-9

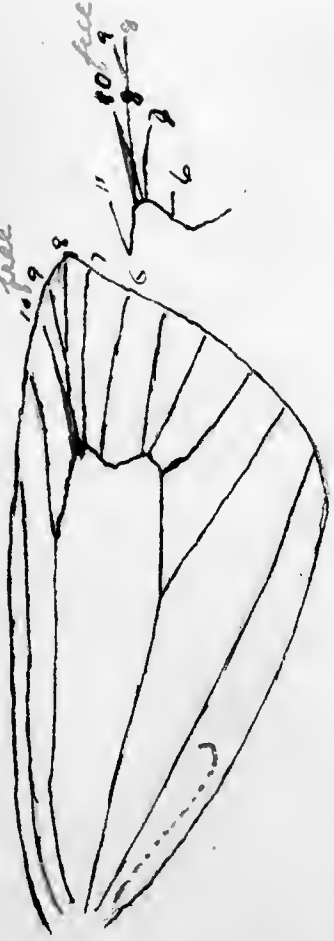
post. tib. outer spurs $\frac{1}{2}$ inner



4 & 5 from point
6 & 7
stalked
8 anas.
wh 7.
wh 7.

truncate
obtusate

Necyia sepn. post. tib. mid. apur $\frac{1}{2}$

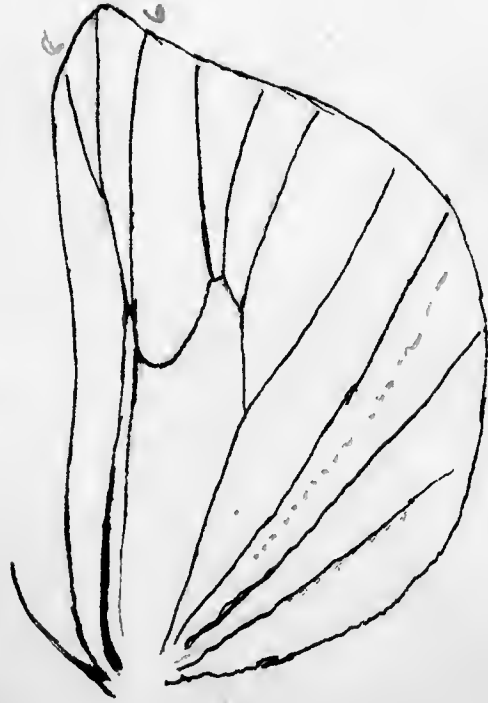


$\frac{4}{5}$ slightly serrate.

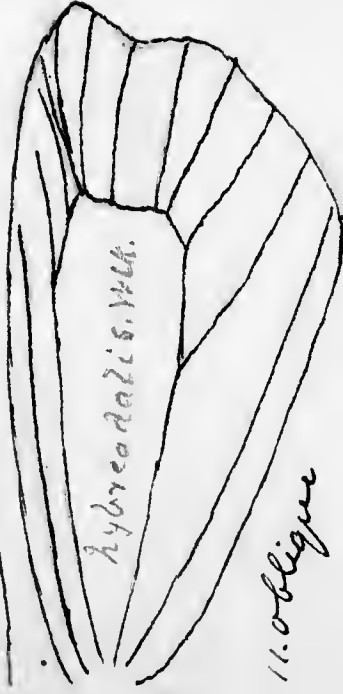
post. tib. outer apur $\frac{1}{2}$ - $\frac{2}{3}$
mid. tib. dilated enclosing
base of hairs (Hoy) not seen in
any sp. but *depressionalis*



7 out of 6 near apex

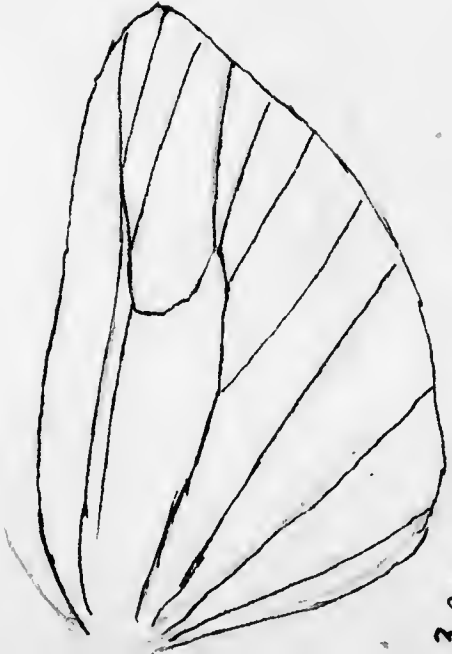


Nesarcha meyr. post. tib. mid. apur $\frac{1}{2}$



11. oblique

stout
 $\frac{4}{4}$



3 remote, 4 & 5 approx.

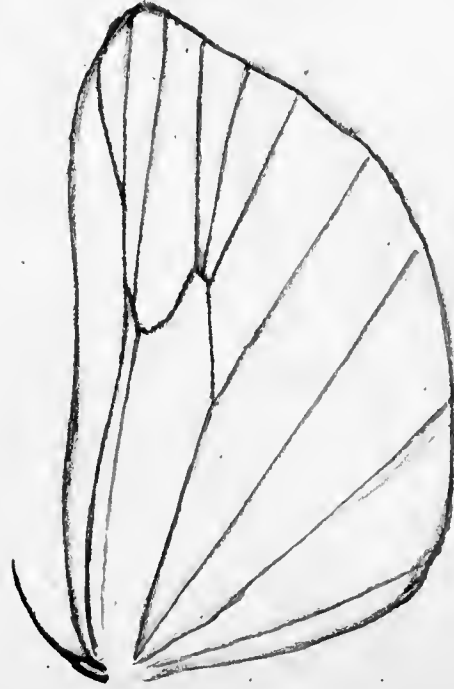
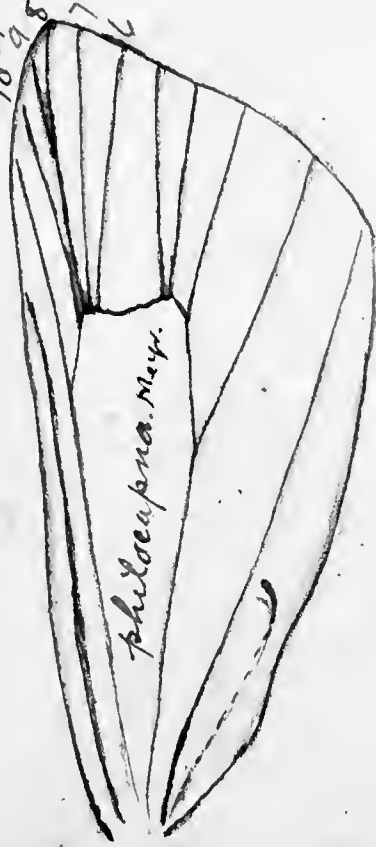
post. tib. outer med. apur $\frac{1}{6}$
" " " $\frac{1}{3}$ (Hoy)
 $\frac{1}{2}$ (Hll.)

inconspicuous



Procerria, mayr. 8 ant. w. s. in hind beneath.

10 sp.

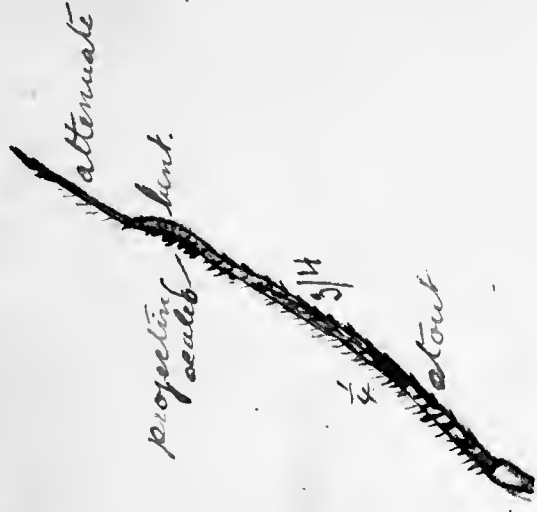


post. tib. outer spurs $\frac{1}{2} - \frac{3}{4}$ ($\frac{1}{2}$ Mayr)

Tongue w.d.



post. or blunt rounded projection

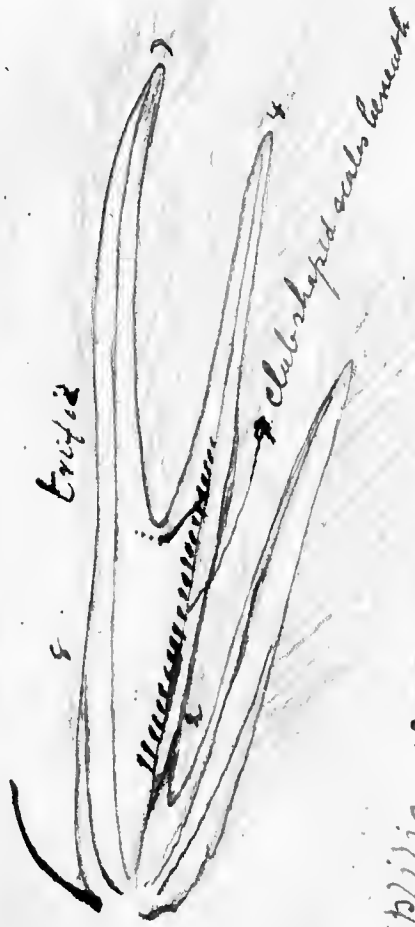


Pterophoridae. Wings cleft. if entire 8/9 sep.

Pterophorus, ^{Sp.} ~~wg.~~ Flw 307 absent



post. lb. outer ap. 1/5. = (=, Merg.)
Tongue wfd.



Platyphilia. 10 paco & sep.

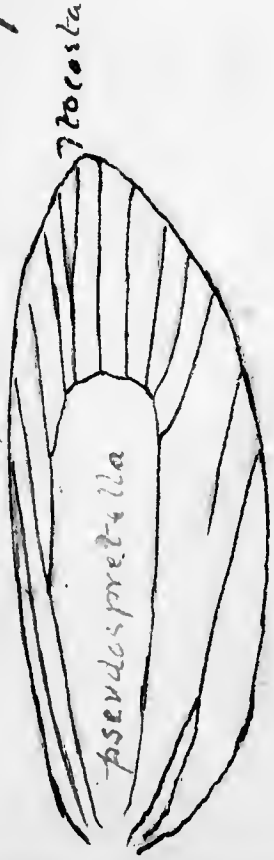


ap. 2 paco abt. equal.
Tongue wfd.



Oecophoridae. h/w 4, newly parallel, post. tib. hairy

Acompsia Hb. f/w smooth: ant. w/ pecten. cannot see any difference. alt. 1 bar
 by *Borkhausen* m. a.



post. tib w/ long fine hairs



Borkhausenia. as *Gymnotaphus*, w/ ant. pecten & post. tib. w/ ^{long} ~~short~~ hairs
Gymnotaphus Meyr. Thorax smooth: no ant. pecten



twocosta (not always in *Borkhausenia*)



no pecten
 Thorax smooth.



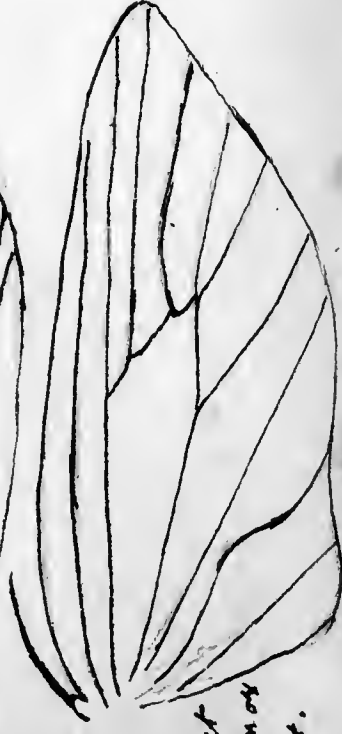
post. tib w/ rather short hairs
 above.



Semiothisa Meyr. terminal joint of palpi w/ median tooth of scales.



post. tib w/ mod. dense hairs above



5 short
 4 apper or
 to 4.

Trachypepla meyr. flw 7 to apex. 2 from angle.



2 from angle
7 to apex.

hindwings normal

Atomotricha meyr. ant. cil. long, fasciculate



slight scale-like

7 to apex. 2 from hardly before angle

hindwings normal.

Phaeosaces 11 meyr ant. simple



7 to apex. 11 from onia



2062.



hindwings normal.



post. tib. w/ long hairs above



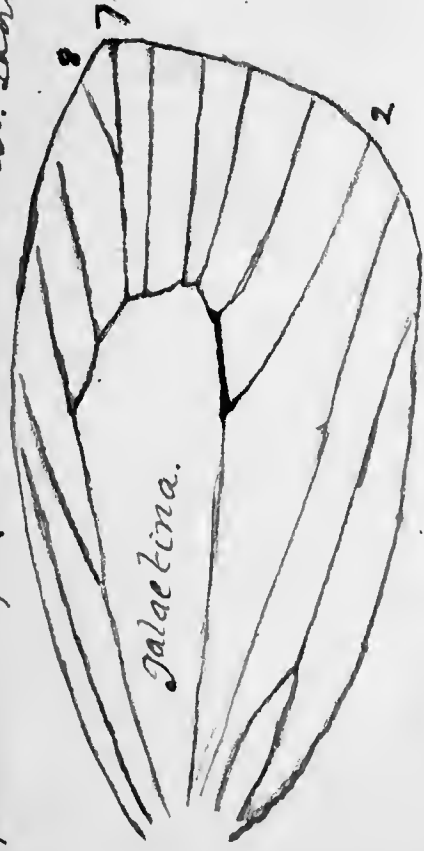
post. tib. w/ mod. loose hairs above.



post. Tib. w/ rather long hairs above

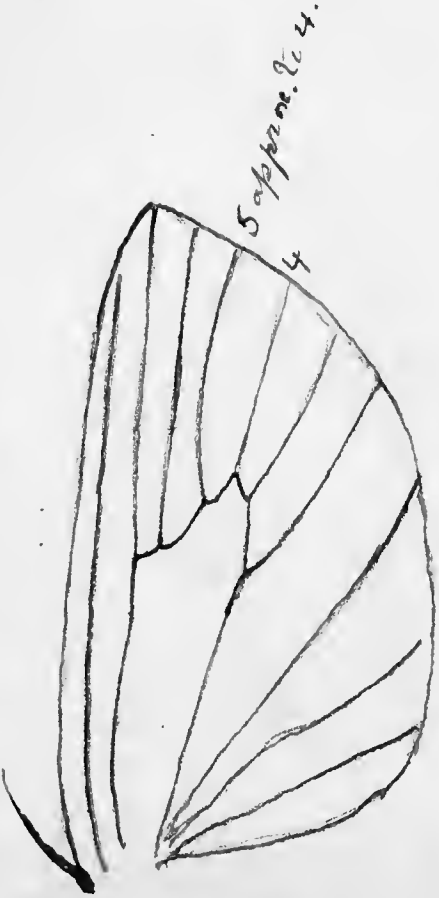


Nymphostola. f/w. 7 to apex. ant. cil. short, $\frac{1}{2}$. palpi tipped beneath



nopecten
shortly ciliate $\frac{1}{3}$

mid. Tib. much haired beneath
Post-Tib. short rough haired



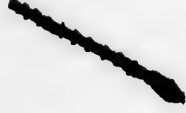
Proctodes, as nymphostola. but palpi w/out tuft





TINEIDAE head rough-haired, and jointed.

Tinea L. ant. simple, all veins usually free



2 near angle " before mid.



post tib loosely short-haired



Monopis NB f/w 3/4 stld



394 vltkd



post. Tib densely long-haired



Sagephora, may flw 4 adrent.



1 simple, 11 from f



stout



4. about

post Tib long-haired



Endophenova, may 1 simple h/w 4 present. lab. palp. none. h. covered

mesotypa

Erecthias. How above ~~some~~ rectangular bent upwards, $5\frac{1}{2}$ conc. 12

A detailed pencil sketch of a botanical specimen, likely a seed or fruit, showing longitudinal lines and a central longitudinal groove. The word "chasmatic" is written vertically along the central groove. At the top, there are handwritten notes: "free" and "cone" with arrows pointing to specific features.

thin & long.

post-tib. anasth.

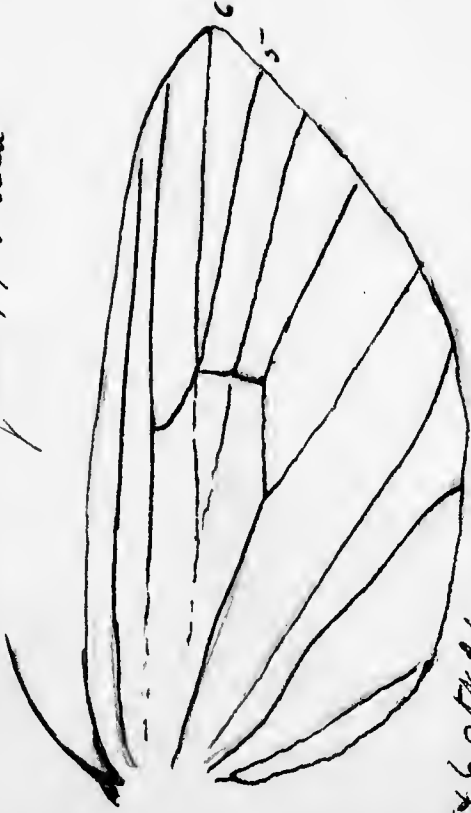
17

post. Tib. long haired.

Lysiphragma. Nov. flw all v. free, tufts of raised scales.

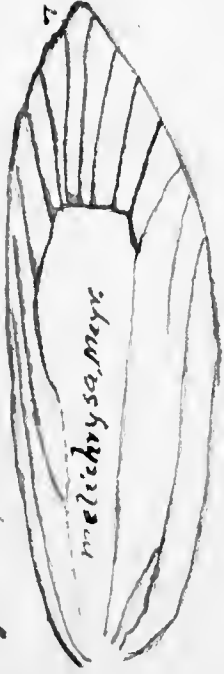


11. from $\frac{1}{3}$, secondary cell, 7 to costa

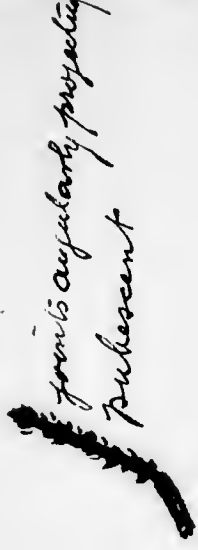


546 sthd or approx.

Exochotrypa. flw all free. h/w 5/6 sthd, 4 present, ant. basal pecten



Mallobathra. flw 1/2 to 7 to 10 to 12, ant. biciliate



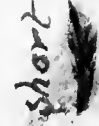
post. tib. rough-haired



post. tib. rough haired



post tib. lat. appressed scales



ELACHISTIDAE

unwings lanceolate or linear

Stachmopoda Stt



2 from near angle



cell open bet 5 & 6



elongate

post. tib. rough-haired above.

post. tarsi with projecting bristles at apex of two basal joints



smooth











